



PTO/SB/21 (09-06)

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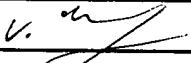
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		Application Number	10/560,139
		Filing Date	9-Dec-2005
		First Named Inventor	Avto TAVKHELIDZE
		Art Unit	
		Examiner Name	
Total Number of Pages in This Submission	3	Attorney Docket Number	12093.PCT.US

ENCLOSURES (Check all that apply)

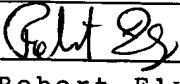
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Firm Name			
Signature			
Printed name	Avto TAVKHELIDZE		
Date	08 Dec 2006	Reg. No.	

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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

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of

2

Application Number

10/560,139

Filing Date

12/09/2005

First Named Inventor

Avto TAVKHELIDZE

Art Unit

Examiner Name

Attorney Docket Number

12093.PCT.US

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 3,169,200	02-09-1965	Huffman	
		US- 3,740,592-A	06-19-1973	Engdahl et al.	
		US- 4,011,582-A	03-08-1977	Cline et al.	
		US- 4,063,965-A	12-20-1997	Cline et al.	
		US- 4,869,923	09-26-1989	Yamazaki	
		US- 5,094,915	03-10-1992	Subramaniam	
		US- 5,238,705	08-24-1993	Hayashi et al.	
		US- 5,283,501	02-01-1994	Zhu	
		US- 5,463,271	10-31-1995	Geis et al.	
		US- 5,474,816	12-12-1995	Falabella	
		US- 5,578,901	11-26-1996	Blanchet-Fincher et al.	
		US- 5,594,263-A	01-14-1997	Bedard et al.	
		US- 5,602,439	02-11-1997	Valone	
		US- 5,616,179	11-09-1999	Cox	
		US- 6,214,651-B1	04-10-2001	Cox	
		US- 6,417,060-B2	07-09-2002	Tavkhelidze et al.	
		US-			
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		JP-40-7094787-A	04-07-1995	Tokai Carbon Co.		
		JP-40-7196371-A	08-01-1995	Tonen Corp.		

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***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449/PTO				Complete if Known	
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Sheet	2	of	2	Attorney Docket Number	12093.PCT.US

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
		GEIS et al., "Electron field emission from diamond and other carbon materials after H ₂ , O ₂ , and Cs treatment", Applied Physics Letters, Aug. 28, 1995, pp. 1328-1330, Volume 67, Number 9, American Institute of Physics.			
		NAKAJIMA et al., "Generation of ballistic electrons in nanocrystalline porous silicon layers and its application to a solid-state planar luminescent device", Applied Physics Letters, Sep. 23, 2002, pp. 2472-2474, Volume 81, Number 13, American Institute of Physics.			
		OKANO et al., "Low-threshold cold cathodes made of nitrogen-doped chemical-vapour-deposited diamond", NATURE, May 9, 1996, pp. 140-141, Volume 381.			
		OZAKI et al., "The Relationship between Photoconduction Effects and Luminescent Properties of Porous Silicon", Japanese Journal of Applied Physics, Feb. 1995, pp. 946-949, Volume 34, Part 1, Number 2B.			
		ZENG et al., "Mean Free Path and Apparent Thermal Conductivity of a Gas in a Porous Medium", Journal of Heat Transfer, Aug. 1995, pp. 758-761, Volume 117, ASME.			

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